ORION

PROFESSIONAL
SURVEILLANCE SYSTEM

VIDEO DOOR PHONE
18CM LCD MONITOR

SCI22

18cm COLOUR LCD SCREEN
CLEAR COLOUR VIDEO FROM HIGH QUALITY CAMERA

NIGHT VISION
8 INFRA-RED LEDS FOR NIGHT TIME OPERATION

STYLISH MODERN DESIGN
LOW PROFILE MONITOR WITH ILLUMINATED TOUCH BUTTONS

INTERCOM
FOR TWO WAY AUDIO COMMUNICATION

INSTRUCTIONS FOR USE

IMPORTANT! PLEASE READ THESE INSTRUCTIONS CAREFULLY.

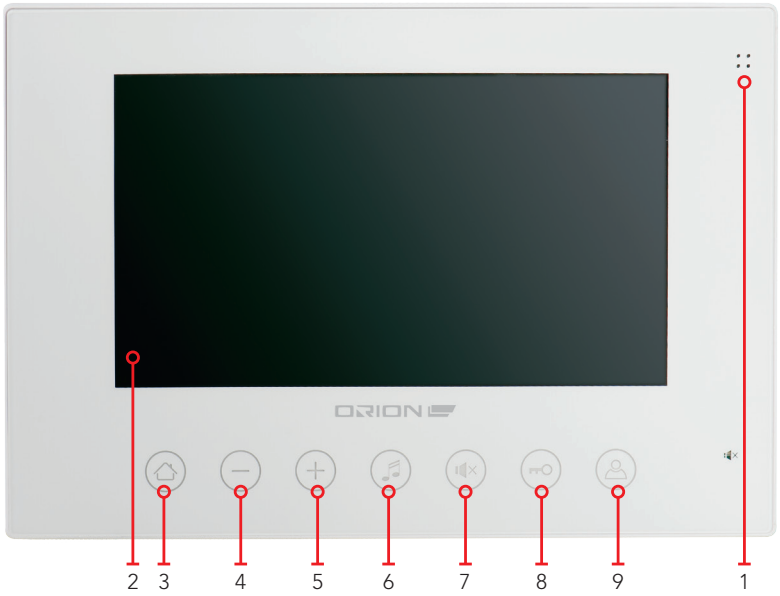
IMPORTANT BEFORE RETURNING THIS PRODUCT TO THE RETAILER

PLEASE CONTACT ORION IF YOU HAVE ANY CONCERNS OR PROBLEMS WITH THIS PRODUCT

Customer Service Phone: (03) 9982 5111 (Monday to Friday 8.30am – 5.30pm EST)
Email: customerservice@orionlive.com.au

For further information visit www.orionlive.com.au

1 IDENTIFICATION



1	Microphone
2	18cm (7") LCD colour display screen
3	Settings button
4	Adjustment control buttons
5	
6	Door bell chime selection button
7	Mute button
8	Unlock button, to unlock door strike if connected (door strike not included)
9	Intercom/monitor button, to communicate with the outdoor camera

10	Microphone
11	Camera with infra-red LED
12	Door bell button
13	Speaker

CONTENTS:

OUTDOOR CAMERA

18cm LCD MONITOR

15m EXTENSION CABLE

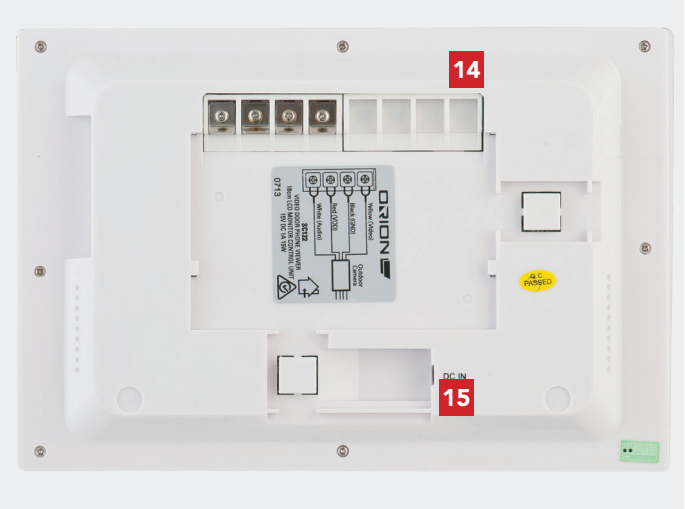
LOW VOLTAGE POWER SUPPLY

MOUNTING SCREWS, PLUGS & BRACKETS

USER MANUAL

4 X DETERRENT STICKERS

2 CONNECTIONS



14	Connection of the video monitor
15	Power supply connection
16	Connection of the outdoor camera
17	Connection for door strike (not included)

3 ACCESSORIES

15 metre extension cable

Power supply

Mounting screws, plugs and brackets

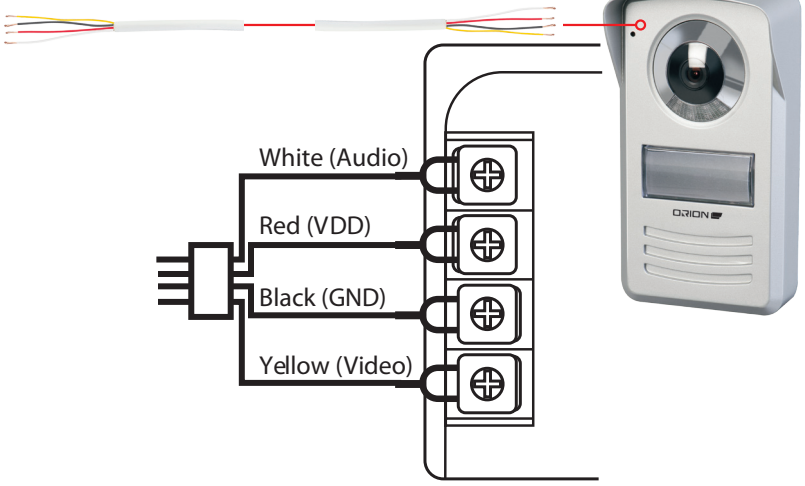
Protective film

4 SYSTEM CONNECTION

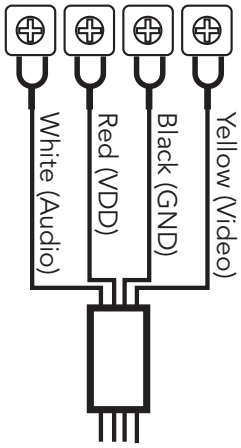
BEFORE INSTALLATION CHECK THE UNIT FUNCTIONALITY

Power supply to video monitor

Video monitor to outdoor camera



Cable colour wiring diagram based on cables supplied with this unit.

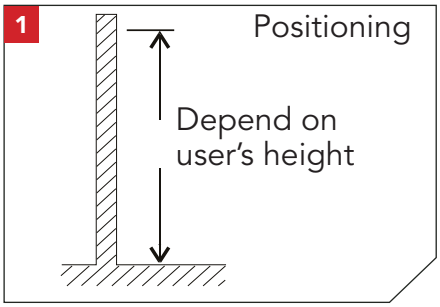


1. Connect the 15 metre connection cable as supplied, to the back of the monitor and camera unit.
2. Connect the power supply to the back of the monitor and plug into 240V AC 50Hz power point.

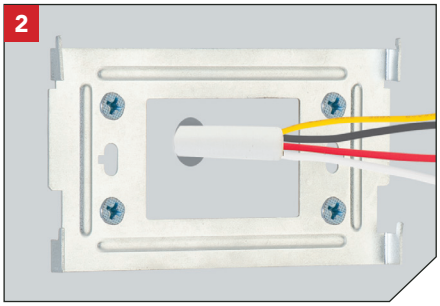
NOTE: *During pre-installation check feedback interference noise that might be generated due to the close proximity of the monitor and the camera, this phenomenon is normal.*

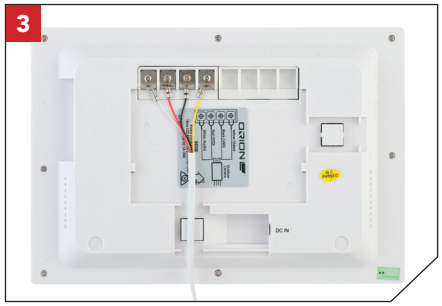
3. Once you assured that the system operates correctly, plan the monitor and camera installation points within 15 metres.
   Lay the extension cable out between the desired locations for the outdoor camera and video monitor. If you are not comfortable doing this you may need the services of an electrician or licenced cabler.

5 INSTALLATION OF MONITOR



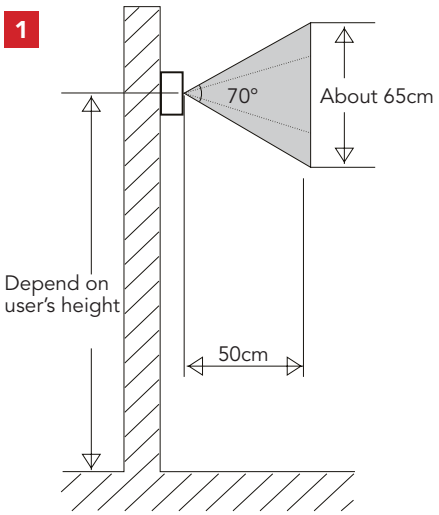
1. Select a suitable installation point.
2. Install the bracket.
   a: Drill holes in the wall and insert plugs.
   b: Tighten the screws.
3. Run the extension cable through the bracket hole and connect the wires to video monitor according to wiring diagram.
4. Connect the power supply to the video monitor.
5. Insert the bracket to the slots on the rear panel of video monitor.





6 INSTALLATION OF OUTDOOR CAMERA

1



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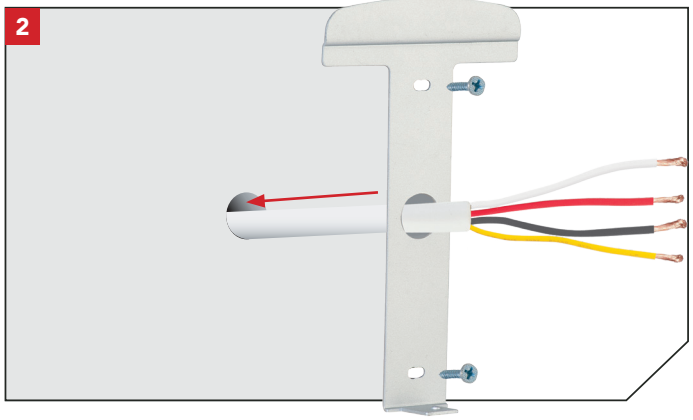
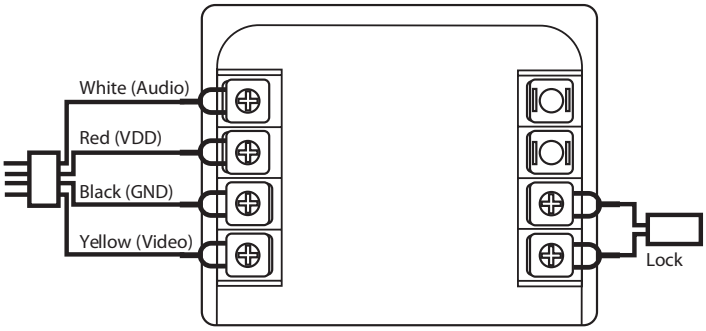


3

4

1. Select a suitable installation point. It is recommended to mount the outdoor camera under eave at height of 1.5-1.7m from the ground.
2. Install the bracket.
   a. Drill holes in the wall and insert plugs.
   b. Tighten the screws.
3. Run the extension cable through the bracket hole and protective film. Connect the wires to outdoor camera according to wiring diagram. Attach protective film to the rear panel to protect wiring connection.



* Cable colour wiring diagram based on cables supplied with this unit.

4. Insert the bracket to the slots on the rear panel of outdoor camera.
5. Tighten the screw at the bottom of outdoor camera to secure it to the bracket.

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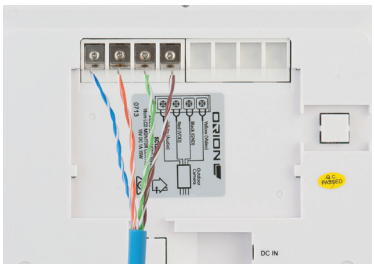
When installing the camera, ensure that it is located in a dry place. It is important that the camera or the electronics do not get wet.

7 FOR EXTENDED WIRING



For extended wiring, existing wiring or CAT5E/CAT6 cable can be used. For use of CAT5E/CAT6 cable, pairing of wires is recommended for installation. Ensure that you match up connections at each end by following the conductor colouring.

Note: maximum distance for extended wiring, retrofit existing wiring or CAT5E/CAT6 cable connection is 100 metre.

8 OPERATION

› LCD DISPLAY SETTING

Press ⌂ settings button to go into LCD display setting menu, to adjust LCD display brightness, contrast, saturation and reset. Inside the LCD display setting menu, press ⌂ settings button to navigate to between Brightness, Contrast, Saturation and Reset options, then press + or − button to adjust the setting.

› Brightness adjustment

The brightness is divided into different divisions, press + or − to adjust the setting.

› Contrast adjustment

The contrast is divided into different divisions, press + or − to adjust the setting.

› Saturation adjustment

The saturation is divided into different divisions, press + or − to adjust the setting.

› Reset

Press the + to reset to factory setting.

› Exit

Press + or − to exit LCD display setting menu.

› INTERCOM

When the door bell button on outdoor camera got pressed, the video monitor bell chime will ring, activate the video monitor LCD screen and display images from the outdoor camera.
Press 👤 intercom button to communicate with the outdoor camera. When you have finished, press 👤 intercom button again and the video monitor LCD screen will switch off.

› Monitoring

Press 👤 intercom button, the video monitor LCD screen will display images from the outdoor camera. Press 👤 intercom button again, the video monitor LCD screen will switch off.

› Unlock

If electric door strike is installed, press 🔑 unlock button to unlock door strike.

› Door Bell Chime Setting

Press ♫ Door bell chime selection button to select different door bell chime. There are 12 different door bell chimes.

1. Ding Dong1
2. Ding Dong2
3. Ding Dong3
4. Ding Dong4
5. Westminister
6. Ding Dong5
7. Digital Tune
8. Trumpets
9. Dog Bark
10. Digital Tune2
11. Old Phone Ring
12. Funky Music

› Ring Volume Adjustment

Press + or − button to adjust door bell chime volume.

› Mute

Press 🔇 mute button to go into mute mode. In mute mode, when the door bell button on door camera unit is pressed, the mute indicator LED will flash, no bell chime and the video monitor LCD screen will just display images from the door camera unit.

9 SPECIFICATIONS

VIDEO MONITOR

Display Screen	18cm Colour TFT-LCD Screen
Resolution	480 X 3 (RGB) X 234
Buttons	Intercom/Monitor, Unlock, Ringtone, Volume, Mute, Settings, Adjustment Control
Adjustment	Brightness/Contrast/Saturation/Volume
Ringtone	12 Selectable Ringtones

GENERAL

Power Supply	DC 15V 1A
Power Consumption	10W Max including camera
Dimensions	215(H) X 195(W) X 75(D) mm
Weight	460g
Operation Temperature	-5°C ~ 50°C
Operating Humidity	10% ~ 85%

OUTDOOR CAMERA

Sensor	6mm CMOS Sensor
Horizontal Resolution	420TVL
Lens	6mm
View Angle	70°

NIGHT VISION

Infrared Light	8 IR LEDs
Range	Up to 1m

GENERAL

Power Supply	From Video Door Phone
Dimensions	170(H) x 95(W) x 52(D) mm
Weight	400g
Operation temperature	-5°C ~ 50°C
Operating Humidity	10% ~ 85%

10 WARNING

- Do not drop, puncture, or violently shake the camera or monitor.
- Do not tug the power supply cord, use the plug to remove it from the wall.
- Do not press more than one button at the same time.
- Do not mount in position directly exposed to sun or rain. Avoid mounting near radio transmitting devices, metal object or heat sources.
- Do not use camera or monitor when there is a storm or lightning in your area.
- Do not crush or damage the power cable.
- Do not cover the vents on the unit, leave adequate space for ventilation.
- Use the cameras and monitor with care, avoid unnecessary force or impact.

11 TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE	SUGGESTED REMEDY
Monitor or door camera has no power or not powering up	Power supply is loose or unplugged, no power at socket outlet/power point	Check all cables and power supply connection. Check power at socket outlet/power point.
No picture	Camera not connected	Please check wiring connection, make sure all wires are connected correctly.
	Signal interference	Relocate camera and monitor, away from sun, rain, radio transmitting devices, heat sources, metal objects or major obstacles.
	No power at monitor/camera or no power at socket outlet/power point	Check all cables and power supply connection Check power at socket outlet/power point.
Frozen white screen	-	Disconnect power to monitor, then reconnect.
When IR night vision is activated, screen only displays white	Infra-red LED light is reflected off from glass or reflective objects that causing white light	Relocated camera away from windows, reflective and glass objects, or remove obstacles.
When IR night vision is activated, screen only displays black and white	Infra-red LED light is activated	This is normal, no action required.
Poor image quality	Signal interference	Relocate camera and monitor, away from sun, rain, radio transmitting devices, heat sources, metal objects or major obstacles. Relocate camera and monitor to a different location.
	LCD require adjustment	Adjust brightness, contrast and saturation in settings menu.
Audio interference	Camera and monitor are too close	Camera has a high sensitivity microphone, keep the door camera and monitor at least 5 metres apart, if the camera must be within 5 metres of the monitor, reduce the volume.

12 WARRANTY

Arlec guarantees this product in accordance with the Australian Consumer Law.

Arlec also warrants to the original first purchaser of this product ("you") from a retailer that this product will be free of defects in materials and workmanship for a period of 12 months from the date of purchase; provided the product is not used other than for the purpose, or in a manner not within the scope of the recommendations and limitations, specified by Arlec, is new and not damaged at the time of purchase, has not been subjected to abuse, misuse, neglect or damage, has not been modified or repaired without the approval of Arlec and has not been used for commercial purposes ("Warranty").

If you wish to claim on the Warranty, you must, at your own expense, return the product, and provide proof of original purchase and your name, address and telephone number, to Arlec at the address below or the retailer from whom you originally purchased the product within 12 months from the date of purchase.

Arlec will (or authorise the retailer to) assess any claim you may make on the Warranty in the above manner and if, in Arlec's reasonable opinion, the Warranty applies, Arlec will at its own option and expense (or authorise the retailer to) replace the product with the same or similar product or repair the product and return it to you or refund the price you paid for the product. Arlec will bear its own expenses of doing those things, and you must bear any other expenses of claiming on the Warranty.

The Warranty is in addition to other rights and remedies you may have under a law in relation to the product to which the Warranty relates.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Arlec Australia Pty. Ltd. ACN 009 322 105 ("Arlec") gives the Warranty. Arlec's telephone number, address and email address are:

Customer Service: (03) 9982 5111
New Zealand Toll Free: 0800 003 329

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